BRUHAT BANGALORE MAHANAGARA PALIKE

DASARAHALLI ZONE

Name of Work :- Filling of pot holes in main and cross roads in Dasarahalli ward No 15, T.Dasarahalli sub Division.

Description of Item	Unit	Est. Cost Rs No	L	B	D	10.00 Qty	Lakhs Rate	Amount
KSRRB 300 - Excavation for road, drains and similar works - KSRRB 300-1. Earthwork excavation by manual means in **ordinary soil** involving an average horizontal throw upto ...eters and an average lift upto 0.5 m, excavated surface leveled and sides neatly ...sed, the disposed earth to be leveled neatly after breaking of clods complete as per ...ifications complete as per specifications. MORTH Chapter 3 (P.142/I.19.1 PW, P & TD -SR 2016-17)								
...sti Nagara	Cum	10	5.00	2.00	0.30	30.00		
		5	3.00	1.50	0.30	6.75		
		4	5.00	1.00	0.30	6.00		
...apes garden		5	3.50	1.50	0.30	7.88		
		5	3.00	1.00	0.30	4.50		
		5	6.00	1.50	0.30	13.50		
		7	5.00	2.00	0.30	21.00		
		6	6.00	1.50	0.30	16.20		
		5	4.00	1.50	0.30	9.00		
...hantha Nagara		6	4.50	4.00	0.15	16.20		
...sti Nagara		4	6.00	2.00	0.15	7.20		
...a Tent Back Side		3	30.00	1.50	0.15	20.25		
...arahalli Main & Cross road		3	10.00	1.20	0.15	5.40		
Basic Rate	82.00					163.88	~~83.16~~	10179.00
Area Weightage ~~8%~~	~~6.56~~ 4.92						86.92	
Total	~~88.56~~ 86.92							
KSRRB M400-17: Providing, laying, spreading and compacting graded stone aggregate to ... **mix macadam** Specifications including premixing the material with water at OMC in ...chanical mix plant carriage of mixed method of tipper to site, laying in uniform layers ... paver in sub-base/base course on well prepared surface and compacting with ...atory roller to achieve the desired density complete as per Specifications.MORTH ...ification No. 406 with all leads and lifts etc., Complete as per the direction of ...neer-in-charge of the work (PWD SR 2016-17 Page No. 154/ Item No. 20.18/								
	Cum	10	5.00	2.00	0.25	25.00		
		5	3.00	1.50	0.25	5.63		
		4	5.00	1.00	0.25	5.00		
		5	3.50	1.50	0.25	6.56		
		5	3.00	1.00	0.25	3.75		
		5	6.00	1.50	0.25	11.25		
		7	5.00	2.00	0.25	17.50		
		6	6.00	1.50	0.25	13.50		
		5	4.00	1.50	0.25	7.50		
Basic Rate	1668.00					95.69	~~1713.96~~	174807.00
Area Weightage 8%	~~133.44~~	100.80					1768.08	
Total	1801.44	~~1768.80~~						

1768.08

Removal of all failed material, trimming of completed excavation to provide firm versal faces, cleaning of surface, painting of tack coat on the side and base of excavation as per clause 500.3, back filling the pot holes wiith hot bituminous material as per clause 500.4 compacting, trimming and finishing the surface to form a smooth continuous surface, all as per clause 3004.2 complete as per specifications Filling opot holes and patch repairs with bituminous concrete, 40mm.(PWD SR 2016-17, P.No-257, I No-35.5)								
	Sqm	10	5.00	2.00		100.00		
		5	3.00	1.50		22.50		
		4	5.00	1.00		20.00		
		5	3.50	1.50		26.25		
		5	3.00	1.00		15.00		
		5	6.00	1.50		45.00		
		7	5.00	2.00		70.00		
		6	6.00	1.50		54.00		
		5	4.00	1.50		30.00		
Basic Rate	285.00					382.75	~~370.44~~	141786.00
Area Weightage ~~8%~~	~~22.80~~	17.10					302.10	
Total	~~307.80~~	302.10						
SRRB M2100-10. Plain cement concrete M-10 with OPC cement at 220kg with crushed 20mm down size graded granite metal course aggregate @0.84 CUM and fine agreegate @ 0.42 CM in Foundation mechanically mixed placed in foundation and compacted by vibration including curing for 14 days complete as per specifications. MORTH specification No. 2100. Page No. 218/ Item No. 27.18/ PWD SR 2016-17								
Vishantha Nagara		6	4.50	4.00	0.15	16.20		
Vasavi Nagara		4	6.00	2.00	0.15	7.20		
Opp Tent Back Side		3	30.00	1.50	0.15	20.25		
Kacharahalli Main & Cross road		3	10.00	1.20	0.15	5.40		
Basic Rate	5634.00					49.05	~~6084.72~~	298456.00
Add Area Weightage ~~8%~~ 6%	~~450.72~~	338.04					5972.04	
Total	~~6084.72~~	5972.04						
SRRB M2200-5.9 Design Mix M20 with OPC cement @ 320kgs with 20mm & down size crushed granite metal course agreegate @ 0.69 CM an Fine agregated 0.46 cm with super plasticizer @ 3ltrs confirming to IS 9103-1999 Reaffirmed -2008 i.) Upto 5m height Page No. 218, Item No. 28.7.9/ PWD SR 2016-17								
Vishantha Nagara		6	4.50	4.00	0.15	16.20		
Vasavi Nagara		4	6.00	2.00	0.15	7.20		
Opp Tent Back Side		3	30.00	1.50	0.15	20.25		
Kacharahalli Main & Cross road		3	10.00	1.20	0.15	5.40		
Basic Rate	6571.00					49.05	~~7096.68~~	348092.00
Add Area Weightage ~~8%~~ 6%	~~525.68~~	394.26					6965.26	
Total	~~7096.68~~	6965.26						

...sposal of debris to the final place of disposal with all lead and lift and as direction by the ...gineer in charge of the work, lead 4 Km a) Basic rate for haulage of materials as per ...em No. 17.4/KSRRB : M100-4.1 ..... Rs. 2.00 Tonne/Km b) Average earth of work 1.28 ...onne/Km for Rs. 2.00/Km c) Add loading and unloading Page No. 150 Item No. 17.1 PWD ...2016-17								80.80	
	Cum	Qty Vide Item No. 1					~~163.88~~	87.26	14300.00
Loading and Unloading Charges	68.00								
Lead 4 KMs ~~2x1.28x4~~	12.80								
(2.5x1.28x4)	80.80								
Area Weightage @ 8%	~~6.46~~								
Total	~~87.26~~								
...lity control Test Charges 1%									10000.00
									43128
...scellaneous and UnforessenCharges									2380.00
								Total	1000000.00
(Rupees Ten Lakhs Only)									

...TIFICATE:-

...Work spot has been inspected and the work is found to be necessary

...Estimate is prepared as per the PW,P & IWTD -SR-2016-17

...Provision made in estimate are adequate and essential.

...s area comes under BBMP limits.

Assistant Engineer
Ward-15

Assistant Executive Engineer
T. Dasarahalli Sub-Division
B.B.M.P

Executive Engineer
Dasarahalli Division
B.B.M.P. Bangalore.

ಪಂ. EE/DD/AS/69/16-17 ದಿನಾಂಕ : 30-12-16

ರೂ. 10.00 lakh (Ten lakh only)

ಅಂದಾಜು ಪಟ್ಟಿಗೆ ಆಡಳಿತಾತ್ಮಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ

ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ಬಿ.ಬಿ.ಎಂ.ಪಿ.ದಾಸರಹಳ್ಳಿ ವಿಭಾಗ
ದಾಸರಹಳ್ಳಿ ವಲಯ, ಬೆಂಗಳೂರು

ಪಂ. EE/DD/AS/66/16-17 ದಿನಾಂಕ : 30-12-16

ರೂ. 10.00 lakh (Ten lakh only)

ಗಳ ಅಂದಾಜು ಪಟ್ಟಿಗೆ ತಾಂತ್ರಿಕ ಮಂಜೂರಾತಿ ನೀಡಿದೆ

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